

FIG. 1b (PRIOR ART)

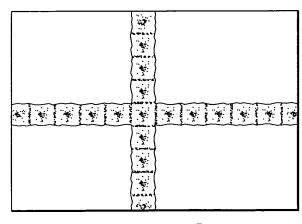


FIG. 2 (PRIOR ART)

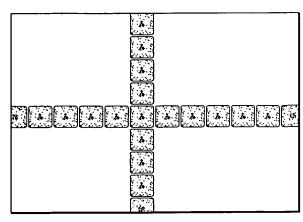


FIG. 3 (PRIOR ART)

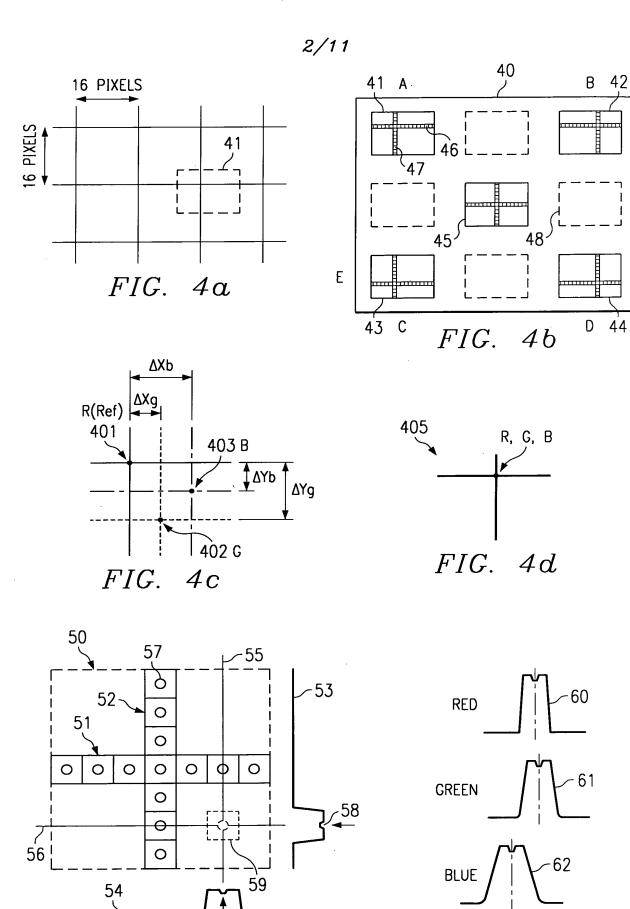
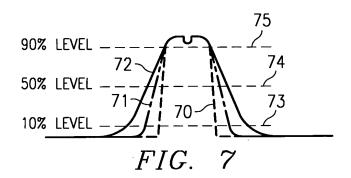


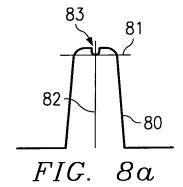
FIG.

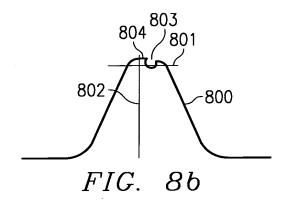
5

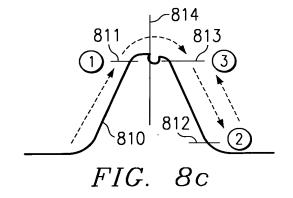
FIG. 6

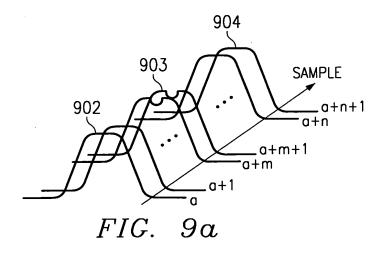
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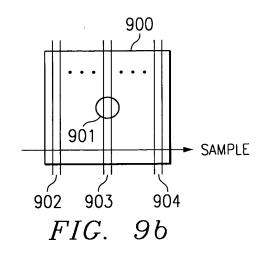




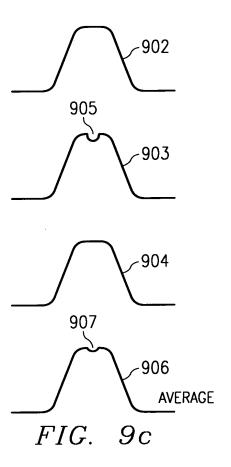


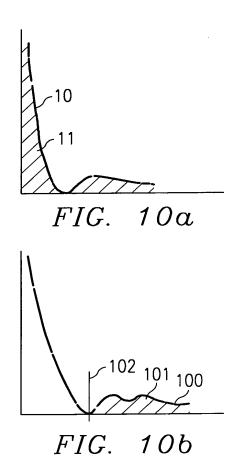


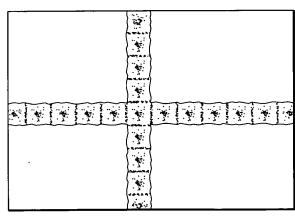




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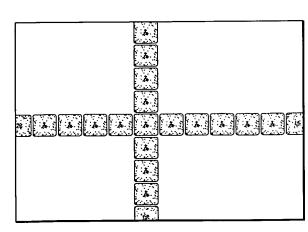
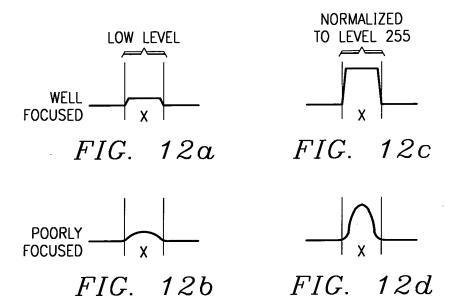
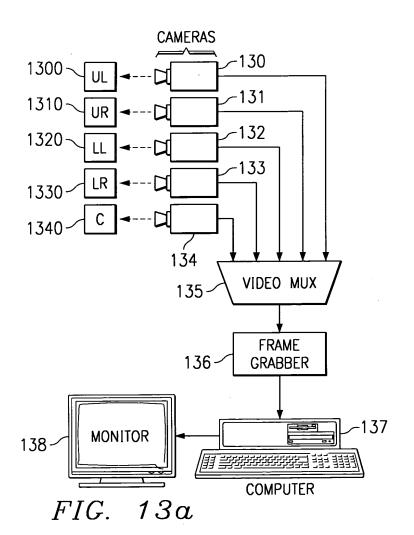


FIG. 11b





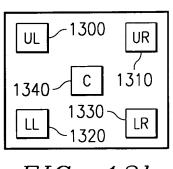
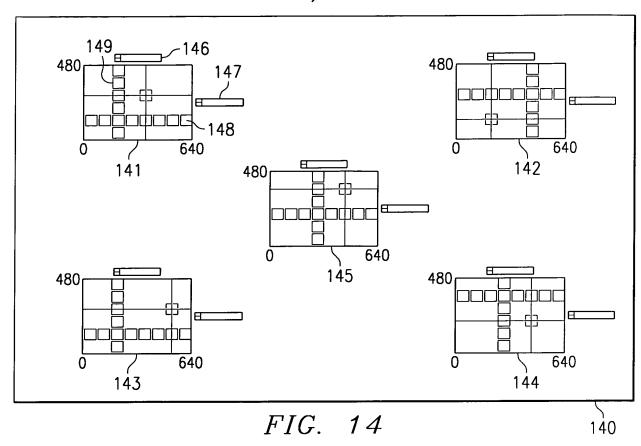
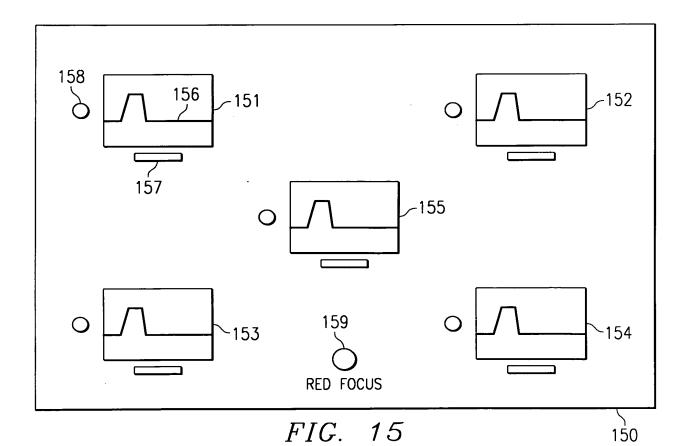


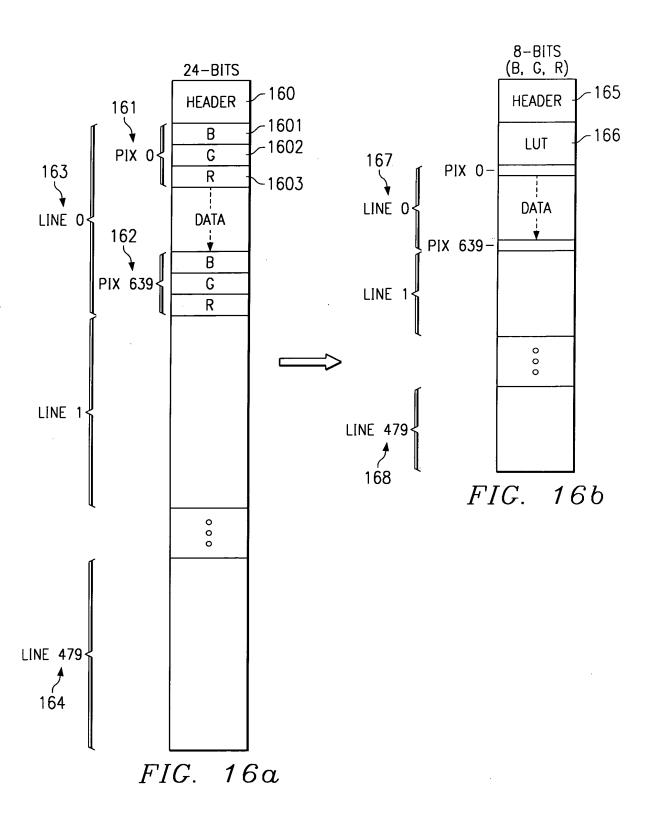
FIG. 13b

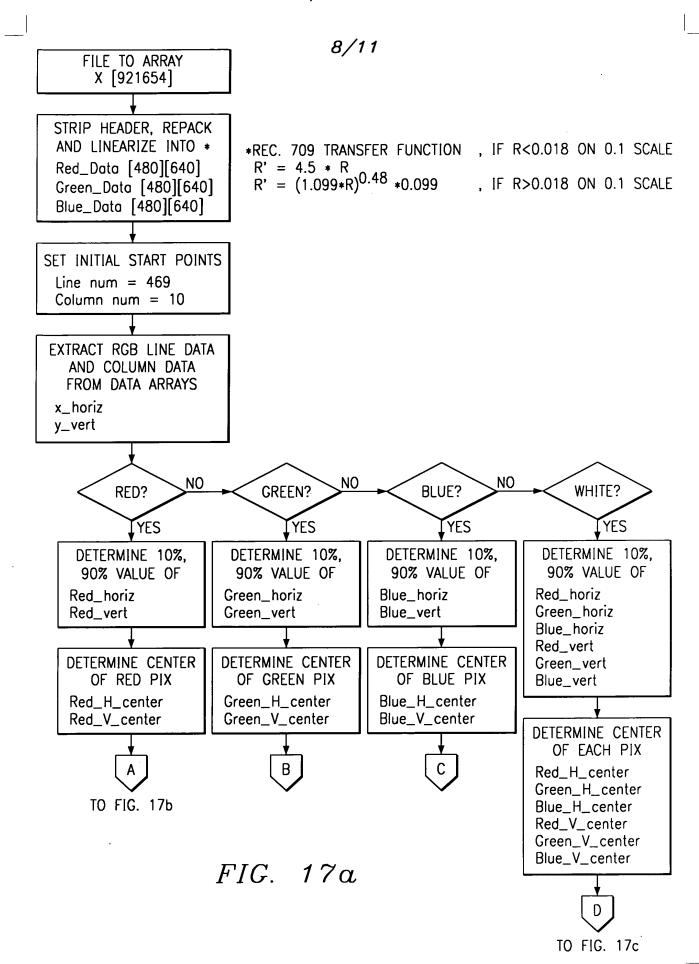
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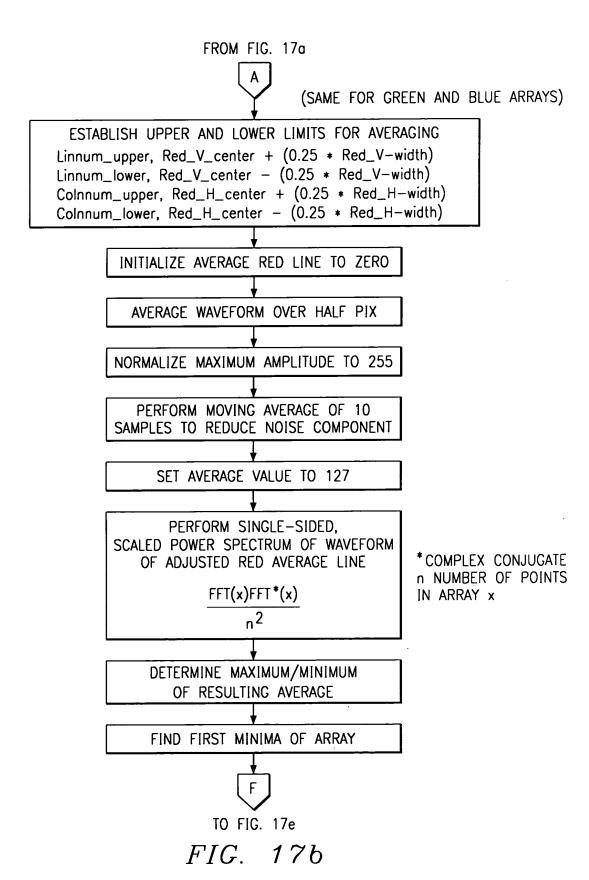




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FROM FIG. 17a



INITIALIZE, AVERAGE RED LINE [640] TO ZERO AVERAGE GREEN LINE [640] TO ZERO AVERAGE BLUE LINE [640] TO ZERO

AVERAGE WAVEFORMS OVER 80 LINES
AVERAGE RED LINE
AVERAGE GREEN LINE
AVERAGE BLUE LINE

NORMALIZE MAXIMUM AMPLITUDE TO 255

DETERMINE 10%, 90% WIDTH OF AVERAGE RED LINE AVERAGE GREEN LINE AVERAGE BLUE LINE

DETERMINE CENTER OF R, G, AND B PIX
Red_H_center
Green_H_center
Blue_H_center

DETERMINE HORIZONTAL CONVERGENCE (IN MICRONS)

Green-x=((Green_H_center-Red_H_center)/(Green_H_width)/0.941) * 17.0

Blue-x=((Blue_H_center-Red_H_center)/(Green_H_width)/0.941) * 17.0

INITIALIZE AVERAGE RED COLUMN [480] TO ZERO AVERAGE GREEN COLUMN [480] TO ZERO AVERAGE BLUE COLUMN [480] TO ZERO

AVERAGE WAVEFORMS OVER 80 COLUMNS
AVERAGE RED COLUMN
AVERAGE GREEN COLUMN
AVERAGE BLUE COLUMN

TO FIG. 17d

FIG. 17c

